

ABSTRACT

An optical waveguide monitor equipped with an output  
light monitor having a decreased restriction in the  
5 dimensions and form thereof, a high reliability and a low  
production cost includes an optical waveguide element  
(having a plurality of surface waveguide portions, a  
connecting portion for converging and connecting the  
surface waveguide portions and an output light-outputting  
10 waveguide portion connected to the connecting portion  
each formed on a dielectric substrate plate; an output  
light optical fiber connected to an output end of the  
output light-outputting waveguide portion, a reinforcing  
capillary for reinforcing a connection between the  
15 optical waveguide element and the output light optical  
fiber and a monitoring light receiving means, wherein the  
reinforcing capillary has a hole or groove for containing  
and supporting the output light optical fiber therein, a  
connecting face thereof bonded to an output end face of  
20 the substrate, and a terminal surface opposite to the  
connecting face, to thereby enable at least one member of  
the reinforcing capillary per se and a monitoring light  
optical fiber located within the capillary to receive the  
monitoring light outputted from the optical waveguide  
25 element, to transmit it therethrough and to output it to  
the outside of the capillary, and the monitoring light  
receiving means is located in a position suitable to  
receive the monitoring light outputted to the outside of  
the reinforcing capillary and has a photoelectric  
30 conversion element.